

CLASSIFIED MESSAGE

ORIG :
 UNIT :
 EXT :
 DATE : 4 Dec 70

TOP SECRET RUFF

1	4
2	5
3	6

TO :
 FROM: NPIC
 CONF:
 INFO :

04/ 1744 Z			
DEFERRED	X	PRIORITY	INITIALS
		ROUTINE	INITIALS
		OPERATIONAL IMMEDIATE	

00171335

TO INFO CITE 9936

TOP SECRET RUFF. TALENT-KEYHOLE CHANNELS. CITE NPIC _____.

(SIG CENTER NOTE: ATTACH TAPE HERE.)

END OF MESSAGE

MEMO FOR THE RECORD: 3rd EDITION OAK REPORT ON MISSION 1112-1.

COORDINATING OFFICERS

TOP SECRET RUFF

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FOR OAK MESSAGE (EDITIONS OF THE OAK)

SECTION # 01

00171335

T O P S E C R E T TTTT RUFF - TALENT-KEYHOLE CHANNELS

OAK 02
OAK/1:NPIC SER:F40107 PRJ:KH MSN:1112 DTZ:701119Z701125Z
THIS IS THE SECOND OAK REPORT ON MISSION 1112-1. FOR
ADDITIONAL PREFACE DETAILS SEE OAK PART I, 1112-1.
PART I. MISSION HIGHLIGHTS

CHINA

NUCLEAR ACTIVITY

1. A NEW POSSIBLE GROUND ZERO UNDER CONSTRUCTION HAS
BEEN IDENTIFIED WITHIN THE LOP NOR NUCLEAR TEST SITE. IT
CONSISTS OF 600 TENTS, A PAD-LIKE AREA, T-SHAPED EXCAVATIONS,
STRUCTURES, AND TRENCHES.

2. THE FIRST POST-CHIC 11 014 OCTOBER 1970 PHOTOGRAPHY
OF LOP NOR NUCLEAR TEST SITE GZ-2 SHOWED THAT THE AIRDROP
MARKER HAD BEEN PARTIALLY OBLITERATED.

PART II. SIGNIFICANT RESULTS

A. PERISHABLE ITEMS NONE

B. NEW ITEMS NONE

C. CHANGE AND OR ITEMS

ITM001

FRM:

URG:340030

STA:UKN

RMK:THE FIRST CLOUD-FREE PHOTOGRAPHY OF GZ-2 SINCE MISSION

[REDACTED] SHOWED THAT FOUR NEW T-SHAPED AND LINEAR
COMPONENTS HAD BEEN ADDED TO THE GZ-2 AIRDROP MARKER. THE
COMPONENTS WERE AT DISTANCES OF 1.1 NM, 1.7 NM, 1.8 NM, AND
3.7 NM WEST OF GZ-2. THE CENTRAL PARTS OF THE AIRDROP MARKER
WERE PARTIALLY OBLITERATED, APPARENTLY AS A RESULT OF CHIC 11
WHICH OCCURRED ON [REDACTED] THE THREE GROUPS OF RADAR
REFLECTORS WERE STILL IN PLACE.

CONSTRUCTION OBSERVED ON [REDACTED] WAS COMPLETED
AND SEVERAL NEW EXCAVATIONS AND/OR STRUCTURES HAD BEEN
CONSTRUCTED. TENTS THAT HAD BEEN OBSERVED WEST OF GZ-2 AND NE
OF THE MAIN CONTROL POINT WERE NO LONGER PRESENT.

THREE EFFECTS AIRCRAFT, TWO OF WHICH WERE VISIBLE ON MISSION
[REDACTED] WERE AT DISTANCES OF 4.3 NM, 5.6 NM, AND 7.7 NM
WEST AND WNW OF GZ-2.

USE ATTACHMENT

IMR:

ITM002

FRM:

STA:OCC

RMK:APPROXIMATELY 95 PERCENT OF THE SEARCH AREA WAS CLOUD
FREE. A NEW AREA OF CONSTRUCTION ACTIVITY, POSSIBLY A NEW
GROUP [REDACTED] HAD BEEN IDENTIFIED WITHIN THE LOP NOR NUCLEAR

25X1

25X1

25X1

25X1

25X1

25X1

25X1

TEST SITE AT APPROXIMATELY 42-54N 109-50E, 12 NM NE OF GZ-2.
THE PC Approved For Release 2009/06/22 : CIA-RDP78B03824A001100030019-2 SES
AND CONTAINS APPROXIMATELY 600 TENTS AND NUMEROUS VEHICLES. A
GOOD NATURAL SURFACE ROAD CONNECTS THE AREA TO THE MAIN ACCESS
ROAD JUST WEST OF GZ-2.

A PAD-LIKE AREA [REDACTED] WAS
OBSERVED ADJACENT TO ONE OF THE RIDGES. THE CROSS BARS OF
EIGHT T-SHAPED EXCAVATIONS AND TWO T-SHAPED STRUCTURES FACE
THE PAD-LIKE AREA AT DISTANCES OF 290 TO 1,140 METERS 0950 TO
3,740 FEET. THE EXCAVATIONS AND STRUCTURES VARY IN LENGTH
FROM 35 TO 84 METERS 115 TO 276 FEET. TRENCHES CONNECT
SEVERAL OF THE EXCAVATIONS AND STRUCTURES. ADDITIONAL
CONSTRUCTION AND EXCAVATING WAS OBSERVED SW OF THE PAD-LIKE
AREA.

TRAILS EMANATED IN SEVERAL DIRECTIONS FROM THE CONSTRUCTION
ACTIVITY. TWO UNIDENTIFIED STRUCTURES WERE OBSERVED 5 NM ESE
OF THE POSSIBLE GROUND ZERO. THE CONSTRUCTION ACTIVITY WAS
NOT PRESENT ON [REDACTED]. PART OF THE ROAD FROM
THE MAIN ACCESS ROAD TOWARD THE NEW AREA WAS VISIBLE ON
MISSION [REDACTED] BUT WAS NOT VISIBLE ON MISSION [REDACTED]

THE ENTIRE LOP NOR ATMOSPHERIC TEST FACILITIES WERE COVERED.
THE GZ-2 AIRDROP MARKER WAS PARTIALLY OBLITERATED, APPARENTLY
AS A RESULT OF CHIC 11 CONDUCTED ON 14 OCT 70. THIS TARGET IS
REPORTED SEPARATELY. NO TENTS WERE OBSERVED EAST OF THE MAIN
CONTROL POINT. TEN TENTS WERE AT THE MAIN CONTROL POINT, AND
175 TENTS WERE IN THE CLOSE SUPPORT CAMPS WEST OF THE MAIN
CONTROL POINT. TWENTY-FIVE TENTS WERE AT THE SUPPORT AREA
INCLUDING 12 NEW TENTS NEAR YA-ERH-TANG AIRFIELD 08E

TWO TENT CAMPS THAT HAD BEEN OBSERVED ALONG THE
MAIN ACCESS ROAD NW OF THE SUPPORT AREA WERE NO LONGER
PRESENT. HOWEVER, A ROW OF SMALL T-SHAPED STRUCTURES OR
EXCAVATIONS REMAINED. A SIMILAR ROW OF T-SHAPED STRUCTURES OR
EXCAVATIONS AND A GROUP OF ABANDONED TENT BASES WERE NEWLY
OBSERVED ALONG THE ROAD TO SINGER MINING ACTIVITY.
APPROXIMATELY 45 TENTS WERE AT SINGER MINING ACTIVITY SUPPORT
CAMPS. CLOUDS PARTIALLY OBSCURED SINGER UNDERGROUND TEST AREA
AND CONTROL POINT.

SEE ATTACHMENT

IMR:
ITM883

FRM:

URG:349048

STA:OPR

RMK:THREE NEW SUPPORT BUILDINGS HAVE BEEN CONSTRUCTED
IMMEDIATELY SOUTH OF THE NORTHERN TUNNEL ENTRANCE.

AOB:23 NOV 70

8 FARMER

CHIH-FENG AIRFIELD 2

CTY:CH 420939N1105032E INT:6C CL W

1 CAB
IMR:
ITM001 [REDACTED] LIU-HO AIRFIELD
FRM [REDACTED] CTY:CH 421507N1254220E INT:PC CL W
URG:665023
STA:OPR NAC
AOB:19 NOV 70
43 PROB SMALL SWEEP-WING APPROX
IMR:
ITM005 [REDACTED] TA-TUNG/CHING-SHUI-HO AIRFIELD
FRM [REDACTED] CTY:CH 394300N1130030E INT:FC CL W
URG:583037
STA:OPR NAC
AOB:21 NOV 70
35 PROB BEAGLE
4 PROB COLT
IMR:
ITM006 [REDACTED] TIAO-YU-TAI AIRFIELD
FRM [REDACTED] CTY:CH 420246N1254413E INT:PC CL W
URG:701119
STA:OPR NAC
AOB:19 NOV 70
35 PROB SMALL SWEEP-WING AT LEAST
IMR:
ITM007 [REDACTED] TUNG-FENG AIRFIELD
FRM [REDACTED] CTY:CH 423947N1253013E INT:PC CL W
URG:065044
STA:OPR NAC
AOB:19 NOV 70
18 SMALL PROB SWEEP-WING AT LEAST
1 POSS STRAIGHT-WING
IMR:
ITM008 [REDACTED] TUNG-HSIN-CHUANG AIRFIELD
FRM [REDACTED] CTY:CH 400551N1175312E INT:FC CL W
URG:050003
STA:OPR NAC
AOB:23 NOV 70
51 PROB SMALL SWEEP-WING ON NW/SE RUNWAY/TAXIWAY
4 PROB SMALL SWEEP-WING ON NE PARKING APRON
IMR:
ITM009 [REDACTED] WU-CHAI SSM LAUNCH SITE 1
FRM [REDACTED] CTY:CH 304952N1113618E INT:GC CL W
URG:155046
STA:COM
RMK:THE DISCOLORATIONS OBSERVED ON [REDACTED] WERE
NOT APPARENT.
OBJ:21 NOV 70 -- LAUNCH PAD
2 VEHICLES/PIECES OF EQUIP
21 NOV 70 -- GROUND SUPPORT EQUIPMENT AREA SOUTH
2 VE

21 NOV Approved For Release 2009/06/22 : CIA-RDP78B03824A001100030019-2
2 VEHICLES/PIECES OF EQUIP

IMR:
ITM01: [REDACTED] WU-CHAI SSM LAUNCH SITE 2
FRM: [REDACTED] CTY:CH 385255N1113527E INT:GC CL W

URG:156013

STA:UCO

RMK:THE SILO APERTURE WAS COVERED BY A POSSIBLE ENVIRONMENTAL
SHELTER.

IMR:
ITM01: [REDACTED] WU-CHAI SSM MAIN SUPPORT BASE
FRM: [REDACTED] CTY:CH 384851N1113640E INT:GC CL W

URG:157039

STA:UCO

MIS:21 NOV 70 -- MISSILE ASSEMBLY - CHECKOUT AREA

1 POSS MISSILE TRANSPORTER

IMR:
ITM012: [REDACTED] ANGARSK URANIUM ISOTOPE SEP PLANT
FRM: [REDACTED] CTY:UR 522802N1035228E INT:FC CL W

URG:623045

STA:OPR

RMK:CONSTRUCTION PROBABLY HAD CONTINUED IN THE SUBSTATIONS. A
CYLINDER COUNT IN THE STORAGE AREAS COULD NOT BE DETERMINED

IMR:
ITM013: [REDACTED] GORKIY SHIPYARD NO 112
FRM: [REDACTED] CTY:UR 562150N0435242E INT:PC CL SNW

URG:595036

STA:OPR NAC

NVL:22 NOV 70

1 PROB ARD QTH

3 PROB AUXILIARIES

1 PROB FLOATING WORKSHOP

1 POSS CARGO SHIP

5 SMALL VESSELS

IMR:
ITM014: [REDACTED] LENINGRAD SHIPYARD ADMIRALTY 194
FRM: [REDACTED] CTY:UR 595505N0301610E INT:PC HA W

URG:675042

STA:OPR NAC

NVL:24 NOV 70

1 PROB VOSTOK FISH FACTORY SHIP BAT POSITION 45H

1 POSS ARD BOM DON WAY 50H

IMR:
ITM015: [REDACTED] LENINGRAD SHIPYARD BALTIYSK ORDZH 189
FRM: [REDACTED] CTY:UR 595532N0301546E INT:PC HA W

SECTION # 03

URG:673041

STA: Approved For Release 2009/06/22 : CIA-RDP78B03824A001100030019-2

RMK: 1P [REDACTED] REMAINED AT POSITION 13 AT THE
FITTING-OUT QUAY. [REDACTED] 2-FOOTH DISH ANTENNAS APPEAR TO HAVE BEEN EMPLACED UPON
THE SSESS. THE REMAINING 26-METER DISH ANTENNA WAS ON THE
EAST SIDE OF BUILDINGWAY 21.

NVL:24 NOV 70

1 YURI GAGARIN SSESS

1 PROB SOFIYA-CLASS TANKER @AT FITTING-OUT QUAY

1 MEDIUM VESSEL UNIDENTIFIED

OBJ:24 NOV 70

1 DISH ANTENNA @DIAMETER, 26 METERS

IMR: [REDACTED]

ITM016

FRM: [REDACTED]

URG:075048

STA:OPR NAC

NVL:20 NOV 70

2 POSS SS

2 PROB SVERDLOV CL

2 POTI PC

2 DD Q1 IN GRAVING DOCK

3 POSS DE

5 COMBATANTS

30 VESSELS @MISCELLANEOUS

1 ARD @DH

1 ARD @TH

IMR: [REDACTED]

ITM017

FRM: [REDACTED]

URG:075050

STA:OPR NAC

NVL:20 NOV 70

1 POSS COMBATANT

3 AUXILIARIES

1 LARGE MERCHANT VESSEL

1 FDD

25 VESSELS @MISCELLANEOUS

IMR: [REDACTED]

ITM018

FRM: [REDACTED]

URG:078015

STA:OPR NAC

NVL:20 NOV 70

3 POSS SS

1 AUXILIARY

3 VESSELS @MISCELLANEOUS

IMR: [REDACTED]

D. BONUS ITEMS NONE

E. DAMAGE ASSESSMENT NONE

PART III. OTHER RESULTS

A Approved For Release 2009/06/22 : CIA-RDP78B03824A001100030019-2

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

A THE FOLLOWING TARGETS REFLECT NO APPARENT CHANGE IN FACILITY
AND/OR Approved For Release 2009/06/22 : CIA-RDP78B03824A001100030019-2
CONDITIONS OF THE PHOTOGRAPHIC COVERAGE AND/OR CONCEALMENT
POSSIBILITIES AT THE REPORTED TARGET.

ITM019 [REDACTED] LOP NOR NTS SINGER UG TEST AREA
FRM: [REDACTED] CTY:CH 412432N0881900E INT:FP SC HAP

URG:042025

STA:UKN NAC

IMR: [REDACTED]

ITM020 [REDACTED] SHIH-CHIA-CHUANG STRONGPOINT 2
FRM: [REDACTED] CTY:CH 380815N1143450E INT:FC CL W

URG:054022

STA:UKN NAC

IMR: [REDACTED]

ITM021 [REDACTED] LU-TA/CHOU-SHUI-TZU AIRFIELD
FRM: [REDACTED] CTY:CH 365742N1213243E INT:FC HA W

URG:680046

STA:OPR NAC

AOB:24 NOV 70

NONE DISCERNIBLE

IMR: [REDACTED]

ITM022 [REDACTED] WU-CHAI SSM SUPPORT AREAS NO 1 - 2
FRM: [REDACTED] CTY:CH 384809N1113708E INT:GC CL W

URG:163035

STA:UCO NAC

IMR: [REDACTED]

ITM023 [REDACTED] WU-CHAI SSM SUPPORT AREAS NO 3-7
FRM: [REDACTED] CTY:CH 384828N1114100E INT:GC CL W

URG:178035

STA:UCO NAC

RMK:SUPPORT AREAS 3-7 AND SUPPORT AREAS 8-10 WERE COVERED.

IMR: [REDACTED]

ITM024 [REDACTED] LU-TA CRUISE MISSILE LAUNCH SITE
FRM: [REDACTED] CTY:CH 384920N1212734E INT:FC HA W

URG:058026

STA:UNP NAC

MIS:24 NOV 70

NONE DISCERNIBLE

IMR: [REDACTED]

ITM025 [REDACTED] JABAL HAMZI SSM COMPLEX
FRM: [REDACTED] CTY:EG 380815N0303640E INT:

STA:OPR NAC

SECTION # 04

IMR: [REDACTED]

B. IDENTIFICATION ONLY

ITM026 [REDACTED] TIEN-CHING STRONGPOINT 3
FRM: [REDACTED] CTY:CH 391520N1172210E INT:PC CL B

IMR: [REDACTED] Approved For Release 2009/06/22 : CIA-RDP78B03824A001100030019-2

ITM02
FRM
IMR
ITM02
FRM
IMR
EOM

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LENINGRAD SHIPYARD SUDOMEKH 196

LENINGRAD SHIPYARD ZHDANOV 198

CTY:UR 595231N0301359E INT:PC

HA W
HA W

25X1
25X1
25X1